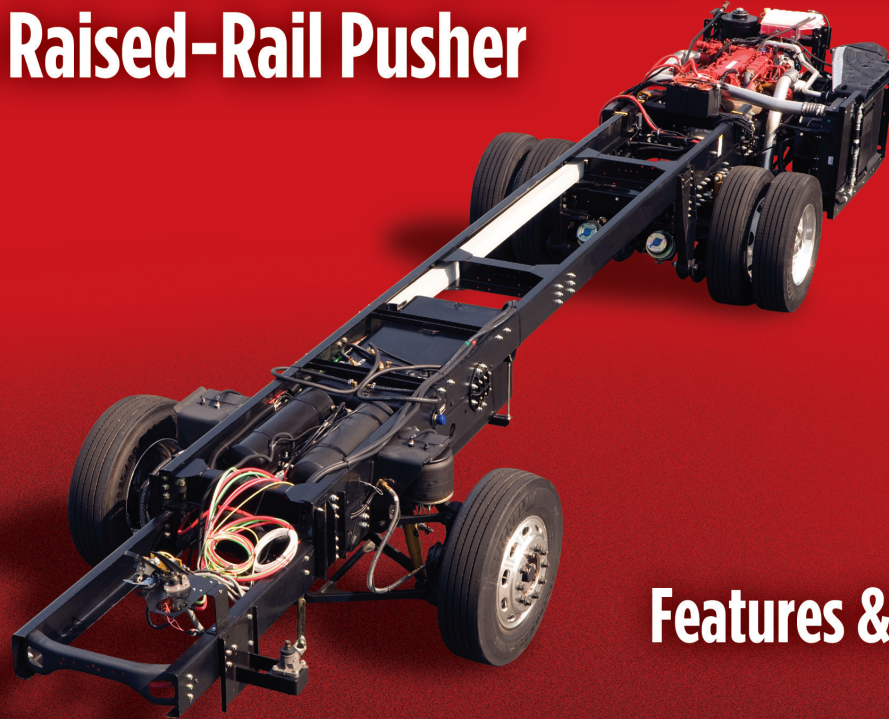


# XBR Commercial Bus Chassis

## Rear-Engine Raised-Rail Pusher



### Features & Benefits

- 1** Durable, heavy-duty steel frame rails with raised center section reduce flex, bowing and vibration to minimize coach stress while transporting passengers in relative quiet and comfort. Lowered rear section for engine.
- 2** Neway® AS-120 front air suspension with 55-degree wheel cut, rated at 10,500 lb. with front sway bar and tuned Sachs® shocks, provides a smooth, solid ride and added passenger comfort. Optional 12,000-lb. air suspension.
- 3** ZF Independent Front Suspension available at 12,000 and 14,600 lb. Obtain tighter 60-degree wheel cut for better maneuverability. The best wheel cut in the industry.
- 4** Neway ADL-XB rear air suspension, rated at 17,500, 19,000, 20,000 and 23,000 lb. with standard sway bar and tuned Sachs shocks, further minimizes the effects of potholes and bumps.
- 5** TRW® tilt/telescopic steering column controlled by foot-lever release, so hands stay on the wheel.
- 6** Accessible fluid dipsticks and fluid containers provide easier maintenance.
- 7** Allison® 2100 PTS, 3000 PTS and B300 automatic transmissions deliver smooth, precise shifting and optimal fuel economy.
- 8** Cummins® ISB diesel engine provides durability and lower maintenance costs and offers an excellent balance of low-end acceleration and high-end torque.
- 9** Rear-mounted radiator standard. Side-mounted radiator optional.
- 10** Goodyear® and Michelin® tires provide extra-wide, extra-deep tread to deliver maximum durability and scrub resistance.
- 11** Accuride® 22.5" x 7.5" and 22.5" x 8.25" steel wheels. Optional aluminum wheels.
- 12** Meritor® WABCO® ABS air brakes deliver reliable, uniform stopping power and better steering control in emergency situations. Optional Bendix® air disc front brakes, which provide a shorter stopping distance and lowers maintenance costs.
- 13** 100-gallon rectangular steel fuel tank mounted between rails increases safety and reduces fuel stops. 150-gallon tank optional.
- 14** Full instrument cluster with driver's message center, electronic speedometer and fuel gauge and electronic oil pressure and coolant temperature provides accurate, instant feedback.
- 15** Chassis is equipped with ADA (Americans with Disabilities Act) wiring which offers body builder interface connections, eliminating the need for OEM's to splice into chassis wiring.

# STANDARD FEATURES AND OPTIONS: XBR CHASSIS

The XB series diesel pusher chassis accommodates all routes from one-way downtown city streets to two-lane country highways—thanks to its superior maneuverability and fuel economy.

XBR CHASSIS	
Engine:	200 hp Cummins® ISB 6.7L with 520 lb./ft. torque @ 1,600 rpm
Optional engines:	220 hp Cummins ISB 6.7L with 520 lb./ft. torque @ 1,600 rpm
	240 hp Cummins ISB 6.7L with 560 lb./ft. torque @ 1,600 rpm
	260 hp Cummins ISB 6.7L with 620 lb./ft. torque @ 1,600 rpm
	280 hp Cummins ISB 6.7L with 660 lb./ft. torque @ 1,600 rpm
	300 hp Cummins ISB 6.7L with 620 lb./ft. torque @ 1,600 rpm
Transmission:	Allison® 2100 PTS with pushbutton shifter
Optional transmissions:	Allison B300, 3000 PTS with pushbutton shifter
GVWR:	26,000 lb. to 37,600 lb.
Alternator:	Leece-Neville® 160 amp
Optional alternators:	Leece-Neville 200 amp, 270 amp and 320 amp
A/C Compressor:	Single Sanden® A/C compressor
Optional A/C compressor:	Dual Seltec® TM-21 A/C compressors
Axles:	
Front:	AAC® AF-10, 10,000 lb.
Optional front axle:	AF-12, 12,000 lb.
Rear:	AAC ARS-17.5, 17,500 lb.
Optional rear axles:	ARS-19, 19,000 lb.; ARS-20, 20,000 lb.; ARS-23, 23,000 lb.
Suspension:	
Front:	Neway® AS-120 air suspension, 10,500 lb. with sway bar and tuned Sachs® shocks
Optional front suspensions:	Neway AS-120 air suspension, 12,000 lb. with sway bar and tuned Sachs shocks, ZF IFS RF67 12,000 lb. and 14,600 lb., independent front suspension
Rear:	Neway ADL-XB air suspension, 17,500 lb. and tuned Sachs shocks
Optional rear suspensions:	Neway ADL-XB air suspension, 19,000 lb., 20,000 lb. and 23,000 lb. with tuned Sachs shocks
Steering:	TRW® tilt/telescoping steering column; TRW steering gear; 55-degree wheel cut, 60-degree with IFS
Brakes:	ABS air brake system: Front: Meritor® 15x4 Q+ or 16.5x5 Q+, optional Bendix® ADB22X air disc;
	Rear: Meritor 16.5x7 Q+ Haldex Pure Air Plus air dryer with electric heater
Exhaust brake:	Cummins VG Turbo
Frame:	1/4" x 2.75" x 9", 50,000 kpsi with steel raised frame with lowered rear section
Wheelbases:	190", 208", 228", 242", 252", 276"
Fuel tank:	100-gal. between the rails
Optional fuel tank:	150-gal. between the rails
Tires:	Michelin® XZE 235/80R22.5 14-ply
Optional tires:	Goodyear® 255/70R22.5; Goodyear 275/80R22.5; Goodyear Marathon 295/80R22.5; Michelin XZE 255/80R22.5 14-ply; Michelin XZE 275/80R22.5 14-ply; Michelin XZA2 295/80R22.5 16-ply; Michelin XZA3 275/80R22.5 16-ply
Instrumentation:	Gauge package includes electronic speedometer with odometer, low-air light and buzzer alarm, driver's message center, voltmeter, tachometer, electronic fuel gauge, electronic oil pressure, electronic coolant temperature, dual-needle primary and secondary air pressure gauge, low coolant level warning with separate low coolant level light, air restrictor indicator, cruise control with high-idle feature and daytime running lights. Driver's information center with odometer/trip, diagnostic/voltage display and more.
Wiring:	Body-builder-ready electrical drop for ADA wiring
Selected options:	Bendix® AD-9 air dryer
	"Smart Wheel" steering wheel
	Custom Multiplex gauges; choice of backlighting, font, background color, bezels
	Battery shutoff switch

Call Freightliner Custom Chassis Corporation at (800) 545-8831, or visit us on the Web at [freightlinerchassis.com](http://freightlinerchassis.com).

9/11, FCC/MC-S-019. Specifications are subject to change without notice. Freightliner Custom Chassis Corporation is registered to ISO 9001:2000 and ISO 14001:2004.

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